As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is tisted below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled <u>COMBINATIONS AND METHODS FOR PROMOTING IN VIVO LIVER CELL PROLIFERATION AND ENHANCING IN VIVO LIVER-DIRECTED GENE TRANSDUCTION</u> the specification of which

(Check One)		is attached hereto OR was filed on as United States Application Serial No. SerialNumber of PCT International Application No and was amended on (inapplicable).
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I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

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Prior Foreign Application Number(s)	Country	Date of Filing	Priority Yes	<u>Claimed</u> No
Application (tumber(e)				

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date	

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date	Status-Patented, Pending or Abandoned

POWER OF ATTORNEY. As a named inventor, I hereby appoint as my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Roland N. Smoot, Reg. No. 18,718; Conrad R. Solum, Jr., Reg. No. 20,467; James W. Geriak, Reg. No. 20,233; Robert M. Taylor, Jr., Reg. No. 19,848; Samuel B. Stone, Reg. No. 19,297; Douglas E. Olson, Reg. No. 22,798; Robert E. Lyon, Reg. No. 24,171; Robert C. Weiss, Reg. No. 24,939; Richard E. Lyon, Jr., Reg. No. 26,300; John D. McConaghy, Reg. No. 26,773; William C. Steffin, Reg. No. 26,811; Coe A. Bloomberg, Reg. No. 26,605; J. Donald McCarthy, Reg. No. 25,119; John M. Benassi, Reg. No. 27,483; James H. Shalek, Reg. No. 29,749; Allan W. Jansen, Reg. No. 29,395; Robert W. Dickerson, Reg. No. 29,914; Roy L. Anderson, Reg. No. 30,240; David B. Murphy, Reg. No. 31,125; James C. Brooks, Reg. No. 29,898; Jeffrey M. Olson, Reg. No. 30,790; Steven D. Hemminger, Reg. No. 30,755; Jerrold B. Reilly, Reg. No. 32,293; Paul H. Meier, Reg. No. 32,274; John A. Rafter, Jr., Reg. No. 31,653; Kenneth H. Ohriner, Reg. No. 31,646; Mary S. Consalvi, Reg. No. 32,212; Lois M. Kwasigroch, Reg. No. 35,579; Lawrence R. LaPorte, Reg. No. 38,948; Robert C. Laurenson, Reg. No. 34,206; Carol A. Schneider, Reg. No. 34,923; Hope E. Melville. Reg. No. 34,874; Michael J. Wise, Reg. No. 34,047; Richard J. Warburg, Reg. No. 32,327; Kurt T. Mulville, Reg. No. 37,194; Theodore S. Maceiko, Reg. No. 35,593; Bruce G. Chapman, Reg. No. 33,846; and F. T. Alexandra Mahaney, Reg. No. 37,668; and

Michael J. Wise, Reg. No. 34,047.

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	FULL NAME OF INVENTOR	FIRST Name Malcom	MIDDLE Initial R.	, LAST Name . Alison	
201	RESIDENCE & CITIZENSHIP	City London	State or Foreign Country UK	Country of Citizent United Kingdor	n
	POST OFFICE ADDRESS	25 Bellamy's Court	City London	State or Country United Kingdom	Zip Code SE16 1RF
	FULL NAME OF INVENTOR	FIRST Name Charles	MIDDLE Initial	LAST Name Coutelle	
202	RESIDENCE & CITIZENSHIP	City London	State or Foreign Country UK	Country of Citizens Germany	ship
	POST OFFICE ADDRESS	12 Hills Mews, Florence Road	City London	State or Country United Kinddom	Zip Code W5 3RG
	FULL NAME OF INVENTOR	FIRST Name Stuart	MIDDLE Initial J.	LAST Name Forbes	
203	RESIDENCE & CITIZENSHIP	City Middlesex	State or Foreign Country UK	Country of Citizens United Kingdor	
.,.	POST OFFICE ADDRESS	c/o Hillingdon Hospital Pield Heath Road Hillingdon	City Middlesex	State or Country United Kingdom	Zip Code UB8 3NN
	FULL NAME OF	FIRST Name Humphrey	MIDDLE Initial J.F.	LAST Name Hodgson	
204	RESIDENCE & CITIZENSHIP	City London	State or Foreign Country UK	Country of Citizen United Kingdo	m
	POST OFFICE ADDRESS	440 Onslow Gardens, Muswell Hill	City London	State or Country United Kingdom	Zip Code N10 3JU
· ·	FULL NAME OF INVENTOR	FIRST Name Ildiko	MIDDLE Initial	LAST Name Sarosi	
205	RESIDENCE & CITIZENSHIP	City Newbury Park	State or Foreign Country CA	Country of Citizen Hungary State or Country	T
	POST OFFICE ADDRESS	587 F. North Ventu Park Road 139	City Newbury Park	California USA	Zip Code 91320
	FULL NAME OF INVENTOR	FIRST Name Michael	MIDDLE Initial	LAST Name Themis	
206	RESIDENCE & CITIZENSHIP	City Buckinghamshire	State or Foreign Country UK	Country of Citizen United Kingdo	m
	POST OFFICE ADDRESS	44 Warwick Road, Beaconsfield	City Buckinghamshire	State or Country United Kingdom	Zip Code HP9 2PL

DECLARATION Utility Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **COMBINATIONS AND METHODS FOR PROMOTING IN VIVO LIVER CELL PROLIFERATION AND ENHANCING IN VIVO LIVER-DIRECTED GENE TRANSDUCTION** the specification of which

(Check One)	is attached hereto OR was filed on February 23, 1999 as United States Application Serial No.
	09/256,630 or PCT International Application No and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

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Prior Foreign Application Number(s)	Country	Date of Filing	Priority Yes	Claimed No
Application runner(s)				

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below

Application Number(s)	Filing Date

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date	Status-Patented, Pending or Abandoned

	FULL NAME OF	FIRST Name	MIDDLE Initial	LAST Name Sarosi	
205	RESIDENCE & CITIZENSHIP	City Newbury Park	State or Foreign Country California	Country of Citizen: Hungary	ship
	POST OFFICE ADDRESS	587 F. North Ventu Park Road 139	City Newbury Park	State or Country California	Zip Code 91320
INV	ENTOR'S SIGNATU		Mails	DATE 02 [1	<u>0/200</u> 5

FULL NAME OF INVENTOR		FIRST Name Michael	MIDDLE Initial	United Kingdom	
RESIDENCE & 206 CITIZENSHIP	City Oxfordshire	State or Foreign Country UK			
200	POST OFFICE ADDRESS	49 Aspley Road Thame	City Oxfordshire	State or Country United Kingdom	Zip Code OX9 3WQ
INV	L 'ENTOR'S SIGNATU	RE		DATE	

				LACTIVE	
	FULL NAME OF INVENTOR	FIRST Name Malcom	MIDDLE Initial R.	LAST Name Alison	
201	RESIDENCE & CITIZENSHIP	City London	State or Foreign Country UK	Country of Citizens United Kingdor	n
	POST OFFICE ADDRESS	25 Bellamy's Court	City London	State or Country United Kingdom	Zip Code SE16 1RF
	FULL NAME OF INVENTOR	FIRST Name Charles	MIDDLE Initial	LAST Name Coutelle	
202	RESIDENCE & CITIZENSHIP	City London	State or Foreign Country UK	Country of Citizens Germany	ship
	POST OFFICE ADDRESS	12 Hills Mews, Florence Road	City London	State or Country United Kinddom	Zip Code W5 3RG
	FULL NAME OF INVENTOR	FIRST Name Stuart	MIDDLE Initial J.	LAST Name Forbes	
203	RESIDENCE & CITIZENSHIP	City Middlesex	State or Foreign Country UK	Country of Citizens United Kingdor	
	POST OFFICE ADDRESS	c/o Hillingdon Hospital Pield Heath Road Hillingdon	City Middlesex	State or Country United Kingdom	Zip Code UB8 3NN
	FULL NAME OF INVENTOR	FIRST Name Humphrey	MIDDLE Initial J.F.	LAST Name Hodgson	
204	RESIDENCE & CITIZENSHIP	City London	State or Foreign Country UK	Country of Citizent United Kingdon	ship M Zip Code
	POST OFFICE ADDRESS	440 Onslow Gardens, Muswell Hill	City London	State or Country United Kingdom	N10 3JU
	FULL NAME OF INVENTOR	FIRST Name Ildiko	MIDDLE Initial	LAST Name Sarosi	
205	RESIDENCE & CITIZENSHIP	City Thousand Oaks	State or Foreign Country CA	Country of Citizen Hungary State or Country	
	POST OFFICE ADDRESS	587 F. North Ventu Park Road 139	City Newbury Park	California USA	Zip Code 91320
	FULL NAME OF INVENTOR	FIRST Name Michael	MIDDLE Initial	LAST Name Themis	
206	RESIDENCE & CITIZENSHIP	City Buckinghamshire	State or Foreign Country UK	Country of Citizen United Kingdo	m
	POST OFFICE ADDRESS	44 Warwick Road, Beaconsfield	City Buckinghamshire	State or Country United Kingdom	Zip Code HP9 2PL

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

	FULL NAME OF INVENTOR	FIRST Name Malcolm	MIDDLE Initial R.	LAST Name Alison	
201	RESIDENCE & CITIZENSHIP	City London	State or Foreign Country UK	Country of Citizen: United Kingdor	m
POST C	POST OFFICE ADDRESS	25 Bellamy's Court Abbotshade Road	City London	State or Country United Kingdom	Zip Code SE 16 1RF
INVENTOR'S SIGNATURE DATE					

	FULL NAME OF INVENTOR	FIRST Name Charles	MIDDLE Initial	LAST Name Coutelle	L:-
202	RESIDENCE & CITIZENSHIP	City London	State or Foreign Country UK	Country of Citizens Germany State or Country	snip
	POST OFFICE ADDRESS	12 Hills Mews Florence Road	City London	United Kingdom	Zip Code W5 3RG
INVENTOR'S SIGNATUREDATE					

	FULL NAME OF INVENTOR	FIRST Name Stuart	MIDDLE Initial J.	LAST Name Forbes	
203	RESIDENCE & CITIZENSHIP	City London	State or Foreign Country UK	Country of Citizens United Kingdor	m
	POST OFFICE ADDRESS	157 Kyverdale Road	City London	State or Country United Kingdom	Zip Code N16 6PS
INVENTOR'S SIGNATUREDATE					

	FULL NAME OF INVENTOR	FIRST Name Humphrey	MIDDLE Initial J.F.	LAST Name Hodgson	
204	RESIDENCE & CITIZENSHIP	City London	State or Foreign Country UK	Country of Citizens United Kingdor	m
POST OFFICE ADDRESS	40 Onslow Gardens Muswell Hill	City London	State or Country United Kingdom	Zip Code N10 3JU	
INVENTOR'S SIGNATURE				DATE	

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Signature of Inventor (202
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Signature of Inventor	203
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Signature of Inventor	204
Date	
Signature of Inventor	205
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Date	200
Signature of Inventor	206
Date	

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Prior Foreign Application Number(s)	Country	Date of Filing	Priority Claim Yes N	lo
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Application Number(s)	Filing Date

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Michael J. Wise, Reg. No. 34,047.

	LYON & LYON LLP 633 W Fifth St., Suite 4700 Los Angeles, CA 90071	Direct Telephone calls to: Michael J. Wise, Extension
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				LACT Name	
	FULL NAME OF INVENTOR	FIRST Name Malcom	MIDDLE Initial R.	LAST Name Alison	
201	RESIDENCE & CITIZENSHIP	City London	State or Foreign Country UK	Country of Citizens United Kingdor	n
	POST OFFICE ADDRESS	25 Bellamy's Court	City London	State or Country United Kingdom	Zip Code SE16 1RF
	FULL NAME OF INVENTOR	FIRST Name Charles	MIDDLE Initial	LAST Name Coutelle	
202	RESIDENCE & CITIZENSHIP	City London	State or Foreign Country UK	Country of Citizens Germany	ship
	POST OFFICE ADDRESS	12 Hills Mews, Florence Road	City London	State or Country United Kinddom	Zip Code W5 3RG
	FULL NAME OF INVENTOR	FIRST Name Stuart	MIDDLE Initial J.	LAST Name Forbes	
203	RESIDENCE & CITIZENSHIP	City Middlesex	State or Foreign Country UK	Country of Citizens United Kingdor	snip N
	POST OFFICE ADDRESS	c/o Hillingdon Hospital Pield Heath Road Hillingdon	City Middlesex	State or Country United Kingdom	Zip Code UB8 3NN
	FULL NAME OF INVENTOR	FIRST Name Humphrey	MIDDLE Initial J.F.	LAST Name Hodgson	
204	RESIDENCE & CITIZENSHIP	City London	State or Foreign Country UK	Country of Citizens United Kingdon	
	POST OFFICE ADDRESS	440 Onslow Gardens, Muswell Hill	City London	State or Country United Kingdom	N10 3JU
	FULL NAME OF INVENTOR	FIRST Name Ildiko	MIDDLE Initial	LAST Name Sarosi	
205	RESIDENCE & CITIZENSHIP	City Thousand Oaks	State or Foreign Country CA	Country of Citizen Hungary State or Country	ship
	POST OFFICE ADDRESS	587 F. North Ventu Park Road 139	City Newbury Park	California USA	Zip Code 91320
	FULL NAME OF INVENTOR	FIRST Name Michael	MIDDLE Initial	LAST Name Themis	
206	RESIDENCE & CITIZENSHIP	City Buckinghamshire	State or Foreign Country UK	Country of Citizen United Kingdo	ship m Zip Code
	POST OFFICE ADDRESS	44 Warwick Road, Beaconsfield	City Buckinghamshire	State or Country United Kingdom	HP9 2PL

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Signature of Inventor	201
Date	
Signature of Inventor	202
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Date -2/4/4.	11 () = 1 = 1

Signature of Inventor	204
Date	
Signature of Inventor	205
Date	
Signature of Inventor	206
Date	

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I acknowledge the daccordance with Title	uty to disc 37, Code	lose information which is material to the patentability of this application in of Federal Regulations, § 1.56.
Lhereby claim foreig	n priority b	enefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any

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Prior Foreign			Priority	Claimed
Application Number(s)	Country	Date of Filing	Yes	No

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

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Send Correspondence to: LYON & LYON LLP Michael J. Wise 633 W Fifth St., Suite 4700 Los Angeles, CA 90071	Direct Telephone calls to: Michael J. Wise, Extension
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				LACTAL	
	FULL NAME OF INVENTOR	FIRST Name Malcom	MIDOLE Initial R.	LAST Name Alison	Lie
201	RESIDENCE & CITIZENSHIP	City London	State or Foreign Country UK	Country of Citizens United Kingdor	
	POST OFFICE ADDRESS	25 Bellamy's Court	City London	State or Country United Kingdom	SE16 1RF
	FULL NAME OF INVENTOR	FIRST Name Charles	MIDDLE Initial	LAST Name Coutelle	
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	FULL NAME OF INVENTOR	FIRST Name Stuart	MIDDLE Initial J.	LAST Name Forbes	
203	RESIDENCE & CITIZENSHIP	City Middlesex	State or Foreign Country UK	Country of Citizens United Kingdor	ship n T
	POST OFFICE ADDRESS	c/o Hillingdon Hospital Pield Heath Road Hillingdon	City Middlesex	State or Country United Kingdom	Zip Code UB8 3NN
	FULL NAME OF INVENTOR	FIRST Name Humphrey	MIDDLE Initial J.F.	Hodgson	-1-1-
204	RESIDENCE & CITIZENSHIP	City London	State or Foreign Country UK	Country of Citizen United Kingdo	ship m Zip Code
	POST OFFICE ADDRESS	440 Onslow Gardens, Muswell Hill	City London	United Kingdom	N10 3JU
	FULL NAME OF INVENTOR	FIRST Name Ildiko	MIDDLE Initial	LAST Name Sarosi Country of Citizen	obio.
205	RESIDENCE & CITIZENSHIP	City Thousand Oaks	State or Foreign Country CA	Hungary State or Country	T
	POST OFFICE ADDRESS	587 F. North Ventu Park Road 139	City Newbury Park	California USA	Zip Code 91320
	FULL NAME OF INVENTOR	FIRST Name Michael	MIDDLE Initial	LAST Name Themis	
206	RESIDENCE & CITIZENSHIP	City Buckinghamshire	State or Foreign Country UK	Country of Citizer United Kingdo State or Country	iship im Zip Code
	POST OFFICE ADDRESS	44 Warwick Road, Beaconsfield	City Buckinghamshire	United Kingdom	HP9 2PL

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Signature of Inventor	201
Date	
Signature of Inventor	202
Date	
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Date	

Signature of Inventor	204	
Date 9/9/95	19 R899).	
Signature of Inventor	205	
Date		
Signature of Inventor	206	
Date		

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Prior Foreign Application Number(s)	Country	Date of Filing	Priority Yes	Claimed No
Application (tallison(s)	:			

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Application Number(s)	Filing Date

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a named inventor, I hereby appoint as n torneys and/or agents, with full POWER OF ATTORNEY! power of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Roland N. Smoot, Reg. No. 18,718; Conrad R. Solum, Jr., Reg. No. 20,467; James W. Geriak, Reg. No. 20,233; Robert M. Taylor, Jr., Reg. No. 19,848; Samuel B. Stone, Reg. No. 19,297; Douglas E. Olson, Reg. No. 22,798; Robert E. Lyon, Reg. No. 24,171; Robert C. Weiss, Reg. No. 24,939; Richard E. Lyon, Jr., Reg. No. 26,300; John D. McConaghy, Reg. No. 26,773; William C. Steffin, Reg. No. 26,811; Coe A. Bloomberg, Reg. No. 26,605; J. Donald McCarthy, Reg. No. 25,119; John M. Benassi, Reg. No. 27,483; James H. Shalek, Reg. No. 29,749; Allan W. Jansen, Reg. No. 29,395; Robert W. Dickerson, Reg. No. 29,914; Roy L. Anderson, Reg. No. 30,240; David B. Murphy, Reg. No. 31,125; James C. Brooks, Reg. No. 29,898; Jeffrey M. Olson, Reg. No. 30,790; Steven D. Hemminger, Reg. No. 30,755; Jerrold B. Reilly, Reg. No. 32,293; Paul H. Meier, Reg. No. 32,274; John A. Rafter, Jr., Reg. No. 31,653; Kenneth H. Ohriner, Reg. No. 31,646; Mary S. Consalvi, Reg. No. 32,212; Lois M. Kwasigroch, Reg. No. 35,579; Lawrence R. LaPorte, Reg. No. 38,948; Robert C. Laurenson, Reg. No. 34,206; Carol A. Schneider, Reg. No. 34,923; Hope E. Melville. Reg. No. 34,874; Michael J. Wise, Reg. No. 34,047; Richard J. Warburg, Reg. No. 32,327; Kurt T. Mulville, Reg. No. 37,194; Theodore S. Maceiko, Reg. No. 35,593; Bruce G. Chapman, Reg. No. 33,846; and F. T. Alexandra Mahaney, Reg. No. 37,668; and

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I further declare that all sements made herein of my own knowledge is true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code §1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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Signature of Inventor	205
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Date 13299	



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **COMBINATIONS AND METHODS FOR PROMOTING IN VIVO LIVER CELL PROLIFERATION AND ENHANCING IN VIVO LIVER-DIRECTED GENE TRANSDUCTION** the specification of which

Utility Application

Spoomer.		
(Check One)	\boxtimes	is attached hereto OR was filed on February 23, 1999 as United States Application Serial No. 09/256,630 or PCT International Application No and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Date of Filing	Priority Cla	nimed No
Application (talliage)				

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date	Status-Patented, Pending or Abandoned



I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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INV	ENTOR'S SIGNATU	RE		DATE JAJO	2221

I further declare that all statements made herein of my own knowledges true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code §1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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Date	

Signature of Inventor	204
Date	
Signature of Inventor	205
Date 02.08.99.	
Signature of Inventor	206
Date	

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled <u>COMBINATIONS AND METHODS FOR PROMOTING IN VIVO LIVER CELL PROLIFERATION AND ENHANCING IN VIVO LIVER-DIRECTED GENE TRANSDUCTION</u> the specification of which

(Check One)	is attached hereto OR was filed on as United States Application Serial No. SerialNumber or PCT International Application No and was amended on (if applicable).
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Prior Foreign Application Number(s)	Country	Date of Filing	<u>Priority</u> Yes	Claimed No

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date	Status-Patented, Pending or Abandoned

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